

Focus Area 12: Heart Disease and Stroke

Objective 12-6c calls for reduction in the hospitalization rate for congestive heart failure to 26.5 per 1,000 population aged 85 years and older.

Hospital discharge data indicate a statistically significant decline in congestive heart failure rates for California residents aged 85 and over, from 38.9 per 1,000 in 2000 to 29.9 per 1,000 in 2005 (Figure 12-6c, Table 12-6c). Although declining significantly, these rates remain significantly higher than the target set in the HP2010 objective.

Males aged 85 and older have significantly higher congestive heart failure hospitalization rates than females (32.2 per 1,000 males in 2005 versus 28.7 per 1,000 females). Although rates have declined significantly for both males and females since 2000, the HP2010 objective is not being achieved for either gender in this age group as of 2005.

Blacks/African Americans aged 85 and over experienced the highest congestive heart failure hospitalization rates, and there has been a statistically significant decline from 44.1 per 1,000 in 2000 to 33.1 per 1,000 in 2005. Rates for Whites significantly declined from 38.1 per 1,000 in 2000 to 31.0 per 1,000 in 2005, and rates for Hispanics/Latinos significantly declined from 40.4 per 1,000 in 2000 to 29.2 per 1,000 in 2005. The HP2010 objective has not yet been achieved for any of these racial or ethnic populations, but is being achieved for Asians/Pacific Islanders (19.8 per 1,000 in 2005). The objective may also be being achieved for American Indians/Alaska Natives, 6.5 per 1,000 in 2004 but rates for all other years were unreliable due to the small number of events.

For more information on heart disease, visit the CDHS Heart Disease and Stroke Prevention Program Web site at:

<http://www.dhs.ca.gov/ps/cdic/cdcb/Chronic/chdsp/index.htm>

For more information on Healthy People 2010 objective 12-6c, please visit:

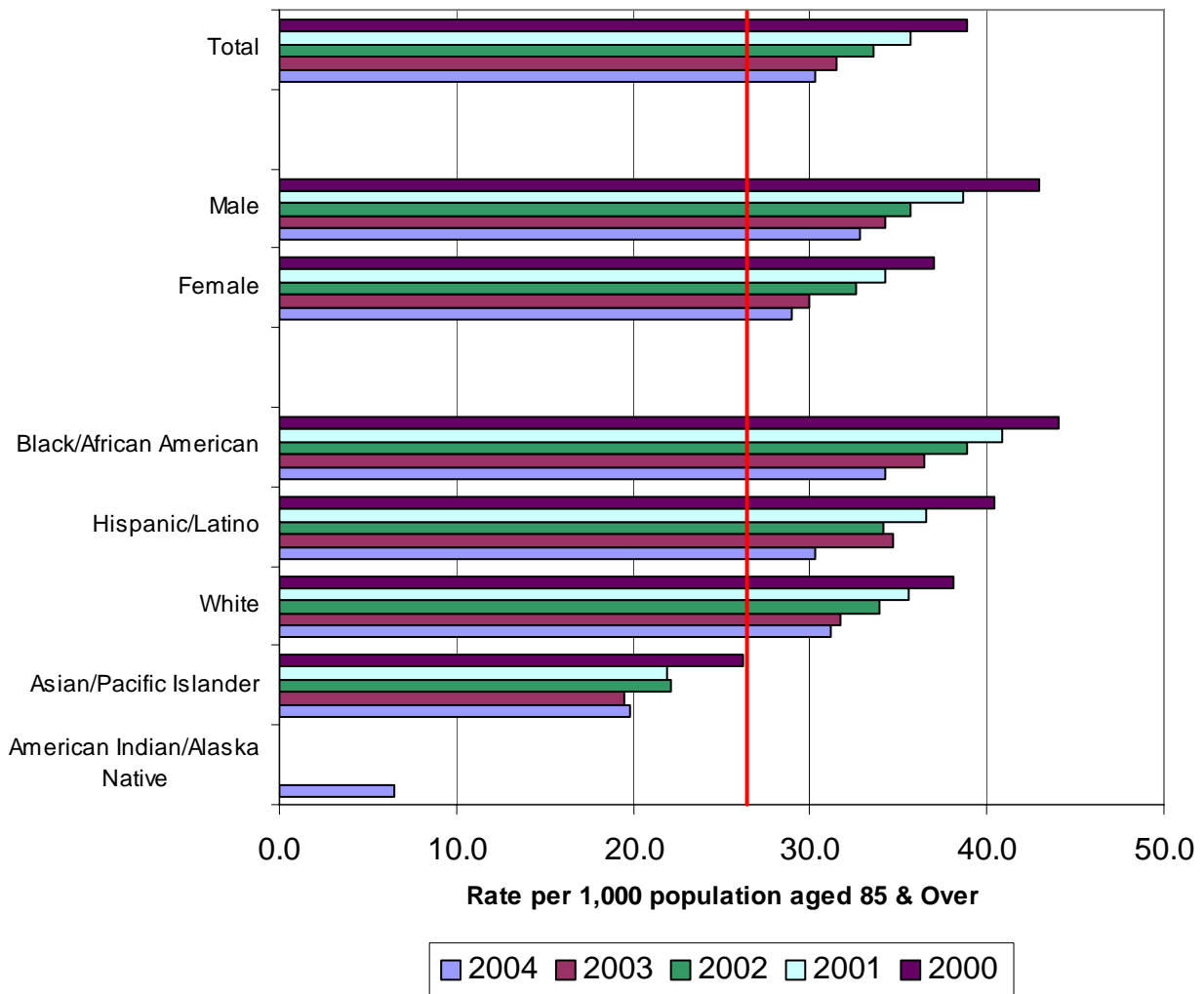
http://www.healthypeople.gov/Document/HTML/Volume1/12Heart.htm#_Toc490544220

and

<http://www.healthypeople.gov/Document/html/tracking/od12.htm#heartdisease>

Figure 12-6c
Congestive Heart Failure Hospitalization Rates
Among Persons Aged 85 & Over
California, 2000-2005

Healthy People 2010 objective = 26.5



**Table 12-6c: Congestive Heart Failure Hospitalization Rates Among Persons Aged 85 and Older
California, 2000-2005**

Objective 12-6c	2000		Lower	Upper	2001		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target	26.5				26.5			
Statewide Total	17,044	38.9	38.3	39.5	17,041	35.7	35.2	36.2
Race-Ethnicity								
American Indian/Alaska Native	18	DSU	-----	-----	18	DSU	-----	-----
Asian/Pacific Islander	798	26.2	24.4	28.0	806	21.9	20.4	23.5
Black/African American	868	44.1	41.2	47.0	886	40.9	38.2	43.6
Hispanic/Latino	1,627	40.4	38.4	42.4	1,637	36.6	34.8	38.4
White	13,074	38.1	37.4	38.7	13,131	35.6	35.0	36.2
Gender								
Female	11,055	37.0	36.3	37.7	11,013	34.3	33.6	34.9
Male	5,989	42.9	41.8	44.0	6,028	38.7	37.7	39.7

Objective 12-6c	2002		Lower	Upper	2003		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target	26.5				26.5			
Statewide Total	17,278	33.6	33.1	34.1	17,008	31.5	31.0	31.9
Race-Ethnicity								
American Indian/Alaska Native	17	DSU	-----	-----	17	DSU	-----	-----
Asian/Pacific Islander	943	22.1	20.7	23.5	945	19.5	18.2	20.7
Black/African American	906	38.9	36.3	41.4	881	36.5	34.1	38.9
Hispanic/Latino	1,701	34.1	32.4	35.7	1,899	34.7	33.1	36.2
White	13,280	33.9	33.4	34.5	12,848	31.7	31.2	32.3
Gender								
Female	11,167	32.6	32.0	33.2	10,713	30.0	29.4	30.6
Male	6,110	35.7	34.8	36.6	6,295	34.3	33.5	35.2

Objective 12-6c	2004		Lower	Upper	2005		Lower	Upper
	N	Rate ¹	C.I.	C.I.	N	Rate ¹	C.I.	C.I.
Healthy People 2010 Target	26.5				26.5			
Statewide Total	16,572	30.3	29.8	30.8	16,717	29.9	29.4	30.3
Race-Ethnicity								
American Indian/Alaska Native	25	6.5	3.9	9.0	16	DSU	-----	-----
Asian/Pacific Islander	1,018	19.8	18.6	21.0	1,098	19.8	18.7	21.0
Black/African American	858	34.2	31.9	36.5	871	33.1	30.9	35.3
Hispanic/Latino	1,768	30.3	28.9	31.7	1,846	29.2	27.8	30.5
White	12,571	31.2	30.7	31.8	12,513	31.0	30.4	31.5
Gender								
Female	10,428	29.0	28.5	29.6	10,489	28.7	28.1	29.2
Male	6,144	32.8	32.0	33.6	6,228	32.2	31.4	33.0

SOURCES: Office of Statewide Health Planning and Development, Patient Discharge Data, 2000-2005;

CA Department of Finance, Demographic Research Unit, *Population Projections by Race/Ethnicity for California and Its Counties 2000-2050*, May 2004.

NOTES: * ICD-9-CM code 428.0 as a Principal Diagnosis.

¹ Age-specific rate per 1,000 population aged 85 years and older.

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).